

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-6 (Previously Cancelled).

Claims 7-10 (Cancelled).

Claim 11 (Currently Amended) A driver circuit, comprising:  
a phase generator; and  
a charge pump, which includes a plurality of stages,  
wherein signals from each of said plurality of stages are fed  
back to said phase generator to affect adaptive control of a  
plurality of phases of said plurality of stages by indicating  
that corresponding edges of the plurality of phases have  
terminated, and ~~An apparatus as recited in claim 7,~~ wherein  
said adaptive control further comprises commencing a first  
phase only upon termination of a second phase.

Claim 12 (Currently Amended) An apparatus as recited in claim  
7 11, wherein a third phase can change only after said second  
phase is in an on-state.

Claims 13-16 (Cancelled).

Claim 17 (Currently Amended) A display device including a  
driver circuit, wherein the driver circuit comprises:

a phase generator; and  
          a charge pump, which includes a plurality of stages,  
wherein signals from each of said plurality of stages are fed  
back to said phase generator to affect adaptive control of a  
plurality of phases of said plurality of stages by indicating  
that corresponding edges of the plurality of phases have  
terminated, and ~~A display device as recited in claim 13,~~  
wherein said adaptive control further comprises commencing a  
first phase only upon termination of a second phase.

Claim 18 (Currently Amended) A display device as recited in  
claim ~~18~~ 17, wherein a third phase can change only after said  
second phase is in an on-state.